

LIST OF PUBLICATIONS ON RESEARCH  
AT  
JACKSON HOLE BIOLOGICAL RESEARCH STATION

University of Wyoming  
and  
New York Zoological Society

Altmann, Margaret

- 1951 Patterns of herd structure in free-ranging elk. Abstr. Anat. Rec., 3(3):74.
- 1952 Social behavior of elk, Cervus canadensis nelsoni, in the Jackson Hole area of Wyoming. Behavior 4(2).
- 1953 Social graces in elk society. Bul. N.Y. Zool. Soc., Animal Kingdom, 56(3):66-72.
- 1956 Patterns of herd behavior in free-ranging elk of Wyoming, Cervus canadensis nelsoni. Zoologica, 41(2):65-71.  
Two marking devices for large land mammals. Jour. of Wildl. Mgt., 20(4):464. With Richard D. Taber and Anton de Vos.
- 1958 The flight distance in free-ranging big game. Jour. of Wildl. Mgt., 22(2):207-209.  
Social integration of the moose calf. Animal Behaviour, 6(3-4):155-159.
- 1959 Group dynamics in Wyoming moose during the rutting season. Jour. of Mammal., 40(3):420-424.
- 1960 Moose runs from Sandhill Crane. J. of Mammal., 41(4):525.  
The role of juvenile elk and moose in the social dynamics of their species. Zoologica 45, Pt. 1:35-39.
- 1961 "Teen-age" problems in the wilderness. Animal Kingdom, 64(2):41-44.
- 1963 Naturalistic studies of maternal care in moose and elk. Chapter in Maternal Behavior in Mammals Ed. by Harriet L. Rheingold. John Wiley & Sons, pp. 233-253.  
Seniors of the wilderness. Animal Kingdom, 66(6):181-183.

Armitage, Kenneth B.

- 1959 Behavior patterns of juvenile yellow-bellied marmots (Marmota flaviventris nosophora Howell). Anat. Rec., 134(3):529.
- 1961 Frequency of melanism in the golden-mantled marmot. J. of Mammal., 42(1):100-101.
- 1962 Social behaviour of a colony of the yellow-bellied marmot (Marmota flaviventris). An. Behav., 10(3-4):319-331.

## Bangham, Ralph

- 1951 Parasites of fish in the Upper Snake River drainage and in Yellowstone Lake, Wyoming. *Zoologica*, 36(III).
- 1953 Studies on monogenetic trematodes: Dactylogryidae from Alaska, Wisconsin and Wyoming. *Am. Mid. Nat.*, 50(1):206-217.  
Published by John D. Mizelle and Francis O. Webb using Bangham's material.
- Hypocaryophyllaeus gilae n. sp. (Cestoda: Caryophyllaeidae) from the Utah chub, Gila atraria, in Wyoming. *Proc. Helm. Soc. Wash.*, 20(2):113-117. Published by Jacob H. Fischthal using Bangham's material.

## Baxter, John W.

- 1960 Aquatic Hyphomycetes from Wyoming. *Mycologia*, 52(4):654-655.

## Beetle, Alan A.

- 1957 A study of range condition classes in the Jackson Hole region of Wyoming. Wyoming Range Management Issue No. 104. (Mimeo.)
- 1960 A Study of Sagebrush. Bulletin 368, University of Wyoming Agricultural Experiment Station, June.
- 1961 Range Survey in Teton County, Wyoming. Part I. Ecology of Range Resources. Bulletin 376, University of Wyoming Agricultural Experiment Station, March.
- 1962 Range Survey in Teton County, Wyoming. Part II. Utilization and Condition Classes. Bulletin 400, University of Wyoming Agricultural Experiment Station, December.

## Beetle, Dorothy E.

- 1956 Habitats of terrestrial Mollusca in Jackson Hole, Wyoming. *Jour. Colo.-Wyo. Acad. Sci.*, 55(8):43.
- 1957 The Mollusca of Teton County, Wyoming. *The Nautilus*, 71(1):12-22.
- 1960 Noteworthy records of Wyoming mollusca. *The Nautilus*, 73(4):155-157.
- A checklist of Wyoming recent mollusca. *Sterkiana*, No. 3.

## Bliss, L. C.

- 1956 A comparison of plant development in microenvironments of arctic and alpine tundras. *Ecol. Mon.* 26:303-337.

## Carpenter, Charles

- 1953 Aggregation behavior of tadpoles of Rana p. pretiosa. *Herpetologica*, 9:77-78.
- An ecological survey of the herpetofauna of the Grand Teton-Jackson Hole area of Wyoming. *Copeia*, 3:170-174.
- Trapping technique for aquatic salamanders. *Herpetologica*, 8:183.
- 1954 A study of amphibian movement in the Jackson Hole Wildlife Park. *Copeia*, 3:197-200.

- Craighead, Frank C.  
 1951 A biological and economic evaluation of coyote predation.  
 N. Y. Zool. Soc. and the Conservation Found. July (booklet)
- Craighead, John J.  
 1952 A biological and economic appraisal of the Jackson Hole elk herd.  
 N. Y. Zool. Soc. and the Conservation Found. November (booklet)
- Craighead, Frank C. and John J. Craighead  
 1949 Nesting Canada geese on the Upper Snake River. Jour. Wildl. Mgt., 13(1):51-64.  
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- Cummins, George B. and John W. Baxter  
 1962 Nomenclature, life histories, and records of North American Uredinales. Madrono, 16(6):201-203.
- Denniston, R. H.  
 1948 Certain aspects of the behavior of the Wyoming moose.  
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 1949 The development of a calf moose. Jour. Colo.-Wyo. Acad. of Sci., 4(1):58.  
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 Proc. 74th Annual Meeting of the Nebr. Acad. of Sciences, May 1 & 2, pp. 6-7.
- Emlen, John T.  
 1952 Social behavior in nesting cliff swallows. The Condor, 54: 177-199.  
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- Evans, Howard E.  
 1962 The geyser-loving digger wasps of Yellowstone. The Explorer (Cleveland, Ohio), 4:6-11.  
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- 1951 Habitat preferences of four species of Microtus in Jackson Hole Wyoming. Jour. Mammal., 32(1):118-120.  
A record of moose speed. Jour. Mammal., 32(1):116.  
A tame red fox cub. Jour. Mammal., 32(1):117.  
1954 Reproduction in two species of Myotis in Jackson Hole, Wyoming. Jour. Mammal., 35(3):434.

French, Norman R.

- 1955 Foraging behavior and predation by Clark Nutcracker. The Condor, 57(1):61-62.  
1959 Life history of the Black Rosy Finch. The Auk, 76(2):159-180.  
Distribution and migration of the Black Rosy Finch. The Condor, 61(1):18-29.

Gilligan, James P.

- 1954 Wildlife values in western wilderness area management. Jour. Wildl. Mgt., 18(4).

John, Kenneth R.

- 1957 Comparative rates of survival of normal and deformed chub, Gila atraria Girard, in Two Ocean Lake, Teton County, Wyoming. Proc. Pa. Acad. of Science, 31:77-82.  
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- 1957 Influence of altitude and temperature upon rate of oxygen consumption of Tribolium confusum Duval and Camponotus pennsylvanicus modoc Wheeler. Physiol. Zool., 39(4):305-314.  
1961 The influence of temperature and atmospheric pressure on the rate of oxygen uptake in Tribolium confusum. Ecology, 42(1):212-215.

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1958 The initial pattern of revegetation of pocket gopher mounds. Ecology, 39(2):346-351.

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A report on land snails of the Jackson Hole region, Wyoming. *The Nautilus*, 65(2):60-65.

Lowrie, Donald C. and Willis J. Gertsch

- 1955 A list of the spiders of the Grand Teton Park area, with descriptions of some new North American spiders. *Amer. Museum Novitates*, No. 1736.

McHugh, Tom

- 1958 Social behavior of the American buffalo (Bison bison bison). *Zoologica*, 43, Pt..1, No. 1, April 4, 1958.

Miller, Dwight D.

- 1955 A study of sex combs in Drosophila affinis and Drosophila athabasca. *Trans. of the Amer. Microscop. Soc.*, 74(2):191-197.

Nakamura, Mitsuru

- 1950 A survey of Pasteurella tularensis infection in the animals of the Jackson Hole area. *Zoologica*, 35(II):129-131.

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- 1950 Breeding of three-year-old females in the Jackson Hole Wildlife Park buffalo herd. *Jour. of Mammal.*, 31(4):463.

Fluctuation in the population of Neotoma cinerea (woodrat) in Jackson Hole, Wyoming. *Jour. of Mammal.*, 31(2):196-197.

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- 1959 Mammals of Jackson Hole, Wyoming. *Jour. of Mammal.*, 40(3):371-381. With James S. Findley.

- 1964 Evidence for echolocation in shrews. *J. Exp. Zool.*, 156(1):19-38. With Edwin Gould and Alvin Novick.

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- 1953 An intestinal amoeba from the prong-horned antelope. *Trans. of the Amer. Microscop. Soc.*, 72(3):249-252.

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- 1961 Stress and Parasitism. I. A preliminary investigation of the effects of stress on ground squirrels and their parasites. *Exper. Parasit.*, 11(1):63-67.

- 1962 Stress and Parasitism II. Effect of crowding and fighting among ground squirrels on their *Coccidia* and *Trichomonads*. *Exper. Parasit.*, 12(5):368-371.

Patterson, Robert L.

- 1952 Sage Grouse in Wyoming. Sage Books, Denver, Colorado.

Rausch, Robert

- 1949 Paradilepis simoni n. sp., a cestode parasitic on the osprey. *Zoologica*, 34(1).

Rausch, Robert and Everett Schiller

- 1949 A contribution to the study of North American cestodes of the genus Paruterina Fuhrmann, 1906. *Zoologica*, 34(1).

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- 1948 Botanical investigations in the Jackson Hole Wildlife Park. *Jour. Colo.-Wyo. Acad. of Sci.*, 3(6):40.
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- 1952 The vegetation of the Jackson Hole Wildlife Park, Wyoming. *Am. Mid. Nat.*, 48(3):700-729.

Roofe, Paul G.

- 1960 The rate of flow of blood through capillaries in the olfactory lobe of the brain of Amblystoma tigrinum. *Anat. Rec.*, 138(2):159-162.
- 1961 Blood constituents of Amblystoma tigrinum. *Anat. Rec.*, 140(4):337-340.
- Weights and linear measurements of the body and of some organs of the Tiger Salamander. *Anat. Rec.*, 141(1):35-44. (With Homer B. Latimer and Lily S. Feng.)

Salt, George W.

- 1952 The relation of metabolism to climate and distribution in three finches of the genus Carpodacus. *Ecol. Mon.*, 22:121-152.
- 1957 An analysis of avifaunas in the Teton Mountains and Jackson Hole, Wyoming. *The Condor*, 59(6):373-393.

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- 1961 Nest structure and reproduction in the mound-building ant Formica opaciventris Emery in Wyoming. *J. of the N. Y. Ent. Soc.*, 69:71-87.
- 1963 Population characteristics among colonies of the ant Formica opaciventris Emery (Hymenoptera: Formicidae). *J. of the N. Y. Ent. Soc.*, 71:219-232.

Simon, James R.

- The American elk or wapiti. Wildlife Series No. 1, Jackson Hole Wildlife Park.
- The Wyoming or Yellowstone moose. Wildlife Series No. 2, Jackson Hole Wildlife Park.

Smith, Dixie R.

- 1959 Changes in interspecific associations as related to grazing pressures. Jour. Range Mgt., 12(6):309-311.
- 1960 Description and response to elk use of two mesic grassland and shrub communities in the Jackson Hole region of Wyoming. Northwest Science, 34(1):25-36.
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- 1950 The Drosophila of Jackson Hole, Wyoming--a taxonomic and ecological survey. Am. Mid. Nat., 43(1):79-87.

Thornton, Charles Stead

- 1956 Epidermal modifications in regenerating and in non-regenerating limbs of anuran larvae. J. Exp. Zool., 131(2):373-394.  
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- 1960 Influence of an eccentric epidermal cap on limb regeneration in Amblystoma larvae. Dev. Biol. 2(6):551-569.  
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- 1952 Speciation in the genus Ascaris: Additional experimental and morphological criteria. Jour. Parasit. 38(Sup.):57.
- 1953 The migration, distribution in the brain, and growth of ascarid larvae in rodents. Jour. Infect. Dis., 92:105-113.  
Fatalities in rodents caused by larval Ascaris in the central nervous system. Jour. Mammal., 34:153-167.

Williams, Olwen

- 1959 Food habits of the deer mouse. Jour. of Mammal., 40(3): 415-419.